Gendore version 5.1.4_p5_4578 copyright (c) 1993 - 2003 compages Ltd.

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Minimum DB seq length: 0
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INFORMATION FOR SECULD NO:
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MEDIUM TYPE: STORAVE
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TELEPAX: (212)953-3352
INFORMATION FOR SEU ID NO: 20:
                                                                                                                                                                                                           COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES. 2
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: YAMAGUCHI, KEN
APPLICANT: YAMAMURA, TOKUJIKO
APPLICANT: K:HURA, TATSUJI
TITLE OF INVENTION: NOVEL CALCIUM-BINDING FROTEINS
                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: HITOMI, JIRO
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 376,795 and 3 ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
                                                                                            CURRENT APPLICATION DATA:
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                                                                                                            COMPUTER: IBM-PC COMPATIBLE OPERATING SYSTEM: PC-DOS 6.2 SOFTWARF: WORDDERFECT 6.1
                                                                                                                                                                                                                                                                     SIREET: 99 PARK ÄVENUE
SIREET: 6th FLOOR
CITY: NEW YORK CITY
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
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                                                                                                                                                                    MEDIUM TYPE: DISKETTE, 3.50 INCH, 720 Kb MEDIUM TYPE: STORAGE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 7-70468 and 7-45564(both Japan) FILING DATE: 376798 and 376798 respectively
                                                       FILING DATE:
                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RELEVANT RESIDUES IN SEQ ID NO:
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APPLICATION NUMBER:
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68.1%; Pred. No. 6.1e-33;
dative 10; Mismatches 30; Hidels
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APPLICANT: HITOMI, JIRO
APPLICANT: YAMAGUCHI, KEN
APPLICANT: YAMAMSKA, IOKUJIRO
APPLICANT: KIMURA, TAISUJI
                                                        TELEFAX: (212)953-3352 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    09-568-3100-2
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TELEPAX: (212)953-3352
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA: ACTUACATION NUMBER, 7 70468 and 7 45064 (teach dapan) FILLWILLBALL (5576 and 775/35) respectively
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: HISM-PC COMPATIBLE
OPERATING SYSTEM: PC-DOS 6.2
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PUBLICATION INFORMATION:
RELEVANT RESISSES IN SEC 10 No. 20: FROM 1 TO 92
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ATTAKHIN/ACTEM INFORMATION:
NAME: KLEIN, MILJON
REGISTRALION NUMBER: 2710
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: DISKETTE, 4.50 INCH,720 Kb
MEDIUM TYPE: STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
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STREET: 99 PARK AVENUE
STREET: 6th PLOOR
CLIY: NEW YORK CLIY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
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TRESIMATION TO SECTION 45.
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APPLICANT: YAMAMIRA, TOKULI RO
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Local Similarity 88.6%; Pred. No. 7.1e 22;
hes 44; Conservative G Mismatches G Robels
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O EXESSIVATENCE ALLESS:
                                                                               APPLICANI: GROSP, C., Simpson, R. J. and Lackmann, M. LILLE OF INVENTION: No. 874116664 Chemotractic Factor NUMBER OF SEQUENCES: 24
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US-08-9]8-727-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 7 Aprilimation HS/08418727
Patent No. 5849528
GENERAL INFORMATION:
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                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Lal, Preeti
APPLICANT: Shah, Purvi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Hillman, Jennifer L. APPLICANT: Bandman, Olya APPLICANT: Corley, Neil C.
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TELEPHONIC TON INFORMATION:
TELEPHONE: 202 861 3000
TELEFAX: 200-PMA TON
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: HOMAN $100 PROTEINS NUMBER OF SEQUENCES: 7
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APPLICATION NUMBER: AU PK 2127
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                                                                                                                                                                                                                                              CITY: Palo Alto
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3.74 Porter Drive
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    E: Diskette
IBM Compatible
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PRIOR APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
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RESULT 11
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US-08-918-727-7
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APPLICANT: Bandman, olga
APPLICANT: COLLEY, Neil C.
APPLICANT: COLLEY, Neil C.
APPLICANT: Lal, Preeti
APPLICANT: Shall, Pur vi
LITLE OF INVENTION: HUMAN STOD PROTEINS
NUMBER OF SEQUENCES:
COSFERST THEORY ADDRESS:
COSFERST THEORY ADDRESS:
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ADDITION: Hillman, Jenuiter L.
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OPERATING SYSTEM: DOS
CHERENZ APPLICATION DATA:
APPLICATION HERPE TO ANTA:
APPLICATION HERPE TO ANTA:
APPLICATION HERPE
                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
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                                                                                                                                                                                          STREET: 3174 For CHTY: Palo Alto
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SOFTWARE: FastSE
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1188A81: Oct.
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APPLICANT: Geory, C., Simpson, R. J. and Lackmann, M. HillE of INVENTION: No. 573116561 Chemotactic Factor
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REFERENCE TENERET NUMBER: DWD/1925/200259
TELEFORMUNICATION INPORMATION:
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TELEFAX: 202-822 0944
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REGISTRATION NUMBER:
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toleroosy: linear
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Thom New York Avenue, N. W., Ninth Plant, Ency temory
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                                                                                                                                   C. TRACTIMETER
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RESULT 14 US-09-051-589-1

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; ORGANISM: Protein S-100b
US-09-051-589-1
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Patent No. 5990080
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EARLIER FILING DATE: 1995-10-17
EARLIER APPLICATION NUMBER: POTZSP96,01305
EARLIER FILITE: CAPP 1996-10 15
NUMBER OF SEQ ID NOS: 1
SOFTWARF: Patwort to Var 2 0
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CURRENT APPLICATION NUMBER: US/09/051,589
CURPENT FITING DATE: 1998-04-15
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FILING DATE: 05-FFB-1990
PRIOR APPLICATION DAFA:
APPLICATION NUMBER: AU PK 4464
FILING DATE: 05-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: BFICKMAND, DAVId W
REGISTRATION NUMBER: 20,817
                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 20005-3918
COMPUTER READABLE FORM:
                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: /
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                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
CYMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-1905/MS-DOS
SUFTWARE: Patentin Release #1.0.
                                                                                                                                                                                                                                AFFLICATION RUMBER: 08/01
FILING DATE: 05-MAK-1993
CLASSIFICATION: 435
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No. 5731166el Chemotactic Factor
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Search completed: May 15, 2003, 11:36:43 Job time: 15 sees
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INFORMATION FOR SEQ ID NO:
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16cal Similarity 37.4%; Pred. No. 3.9c-12;
thes 34; Conservative 16; Mismatches 41; Indels
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STRANDEDNESS: single
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Maximum DK seq length: 20000000000
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Pred. No. is the number of results predicted by change to lave a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Obery Match 43.6%; Score 205.5; DB 9; Length 114; Rost Local Similarity 45.1%; Pred. No. 6.2c 16; Matche 41; Curacrostice 28; Mismutches 26; Indels 11
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                                                   APPLICANT: STATE, DAVID

LITTE OF INVENTION, EXEMPACELULAR HAVEL RASH BEHREND PROTEIN (IN RASE) AND USES THE
FILE BAFFERDY E. OFFS, SERVE B. LYCKE, SEV.

WILLER AFFERDAT AF DATE: 2001 04 05

NUMBER OF SEC. ID NOS: 6
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SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                     APPILICANT: Schmidt, And Mario
APPILICANT: Stern, David
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LENCIH: 50

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APPLICANT: Herold, Kerson

APPLICANT: Yan, Shi Du

APPLICANT: Schmidt, Ann Marie

APPLICANT: Lamster, Ira

IIILE OF INVENTION: METHICLE FOR TREATING INFLAMMATICN

FILE REFERENCE: 0575,64080

CURRENT APPLICATION MUMICE: U8/99/972,185E

CURRENT FILING DATE: 2001-06-01

NUMBER OF SEQ ID NOS: 16

SOFTWARE: Patentin version 3.1

SEQ ID NO 9
                                                                                                                                                                                                                                                                                       : Sequence 41579, Appl; Patent No. US2002004: GENERAL INFORMATION:
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              FILE REFERENCE Adomics x-1
COURRENT ADTITUTE MINETE TO 2,773,974,747
COURRENT FILING INSTEE 2001-05-23
PHIOR APPLICATION NUMBER: US 60/207,456
PHIOR APPLICATION NUMBER: US 60/207,456
PHIOR APPLICATION NUMBER: US 69/632,366
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                                                                                                                                                                                                                                                                                                            Patent No. US20020048763A1
                                                                                                                                                                                                                                                                                                                            Sequence 41579, Application US/09864761
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                                                                                                                                                                APPLICANT: Kank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Hanzel, David K.
APPLICANT: Hanzel, David K.
APPLICANT: HANZEL DESIVED SINCE EXCN ETHER
LITUE OF INVENTION: GENE EXPERSION ANALYSIS BY MICROARGAY
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PRIOR FILING DATE: 2000-08-03
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NAME/FEY: MISO_FEREURE
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: Sequence 98, Application US/09981353; Patent No. US20020160382A1
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SEQ 1D NO 98
                                                                                                                                                                                                APPLICANT: Lisech, Amy W. APPLICANT: Jones, David A. Applicant: Jones, David A. Fille REFERNCE: PA-0048 US
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                                                                          CORRENT FILING HATE. 2001-10-11 MOMBER OF SEC 11 MOS: 194
SOFTWARE: PERL Program
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PRIOR FILING DATE: 2001 01 29
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PRIOR FILLING INVIE: 2001-01-30
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FELSE AFFLICATI & MUSBEE, PCT,
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FRIOR APPLICATION NUMBER: US-60/422/925
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US-10-097-340-270
; Sequence 270, Application US/10097340
; Publication No. US20030087250A1
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APPLICANT: BOCKED, Vladimir
TITLE OF INVENTINE NEUROGENIC COMPOSITIONS AND METHODS
FILE REFERENCE: RCT
CHERENT APPLICATION NUMBER: 03/00/781/500
CUPPENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 04/393 433
PRIOR FILING DATE: 1999-09-10
NUMBER OF SEC IF NOS: 2
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                                                                                    APPLICANT:
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OPMANISM: Mus musculius
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OKGANISM: Mus musculus
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Local Similarity 36.9%; Pred. No. 1.6e-10;
hes 31; Conservative 22; Mismatches 31; Indels
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                                                                                                                                                                                                                                                                                                                                                      John MONAHAN
                                     Michael MORRISEY
Peter OLANDT
An.i SEN
                                                                                                                              Rachel E. MEYERS
                                                                                                                                                                        Steve G.
                                                                                                                                                                                                                  Shubhangi KAMATKAR
                                                                                                                                                                                                                                                             Sebastian HOERSCH
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Search completed: May 15, 2003, 11:44:59 Job. time: 54 dees
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TITLE OF INVENTION: Buckle Acid Molecules and Proteins For the identification,
TITLE OF INVENTED IN Associately, Frenchilon, and Thorapy of Object Carrian Cancer
FILE REFERENCE: MRI-0.00
CORRENT AFFILICATION MIMBER: US/10/2097/340
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SOFTWAKE: FastSEC for Windows Version 4.0
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PRIOR APPLICATION NUMBER: 60/276,025
FRIOR FILLING DATE: 2001-03-14
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FRIDE FILING DATE: 2001-09-26
FRIDE FILING TON NUMBER: 60/276,026
FRIGE FILING CAME, 2001-03-14
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PRIOR APPLICATION NUMBER: 60/311,732
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PRIOR APPLICATION NUMBER: 60/324,967
PRIOR FILLWO DATE. 2001/09/26
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ORGANISM: Homo sapiens
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                                                                                                          88 NUMARITAVATAAAGAGAGDGCHGG 89
                                                                                                                                                           61 DANQDEQVSFKEEVVLVTDVLITAHD 86
                                                                                                                                                                                                              ** SELETAMETI ENVETARISCHECHRYKISCHELHELIGGELSSELFAGEUVAGEVEAVORTET 62
                                                                                                                                                                                                                                                            1 TELEGIERI INTERÇASVELCHYTETIMELIYILIK ELIMILENIH ÇETIFETEVIL. 60
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Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total shore distribution.

SUMMARIES

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Result		Query				
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Sequence 124512, Sequence 13822, Sequence 3, Appl 1 Sequence 10, Appl 1 Sequence 11, Appl 1 Sequence 11, Appl 1 Sequence 11, Appl 1	Sequence 20, Appl Sequence 23, Appl Sequence 2, Appl Sequence 2, Appl Sequence 2, Appl Sequence 432, Appl Sequence 432, Appl Sequence 588, Appl Sequence 1495, Appl Sequence 13941, Appl Sequence 15941, Appl Sequence 15948, Appl Sequence 15948, Appl Sequence 15948, Appl Sequence 15988, Appl Sequence 1598	

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NUMBER OF SEC ID NOS: 6
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FILLE OF INVENTION: METAL CONTAINING KIRONUCLEOFEDF POLYPERT: ES
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US-09-741-537-49618
                                                                      FILE REFERENCE: 25//210
CURRENT AFTLEWATTLE HOMBEK, UK/04/791,537
CURRENT FILINC DAIR: 2001-02 22
NUMBER OF SEQ ID NOS: 153055
SOFTWARE: Patcentin version 3.0
SEQ ID NO 99618
                                                                                                                                                                                                                                                                                                             Sequence 90619, Application 78,7997/1537 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Outery Match

94 19; Scene 443; IPE 11; Longth 91

Best Local Similarity 95.6%; Pred. No. 6.70-44;

Matches 87; Consurvative 1; Minimutches 3; Indelendations
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APPLICANT: NI, J., ET AL.
TITLE OF INVENTION: Human Chemotastic Cytchia-:
NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                  APPLICANT: DANZER, JOSEPH
FIELE OF INVENTION. THREE FIMENCIONAL STRUTENIES OF ENOTEIN (AMILIES AND FAMILY MEMBI
LITLE OF INVENTION: METHODS OF USE THERBOF
                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                       APPLICANT: Bionomix, Inc.
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               TYPE: PRI
                                                           TEMOTH: 95
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MEDJUM TYPE: 3.5 INCH DISKETTE
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CURRENT APPLICATION DATA:
APPLICATION NUMBER, USLOWED,
FILLING FATE: Encomber 6, 10
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TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: MULLINS, J.G. REGISTRATION NUMBER: 33,073
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No. 5.4e-34; Batches 72; Concervative 9; Mismatches 16, Indels
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GENERAL INFERMATION
APPLICANT SCHOOL DAVID
LITTE OF INVENTION: EXTRACELLULAR NOVEL RAND BURGING FROMEN (FR. EAST), DAVID
LITTE OF INVENTION: EXTRACELLULAR NOVEL RAND BURGING FROMEN (FR. EAST) AND USBST HESP
FILE REFERENCE: 0575/5587 (6. FCT US
CURRENT FILING DATE: 2001 04 05
NUMBER OF SEQ. II. N.68: 6
                                                                                                                                         Sequence II. Application BS/0982/IBS
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: Serpouce 11, Application US/098721858 : GENEPAL INFORMATION: : APPLICANT: Steff, David M.

ARPILICANT: Betold, Kevan ARPILICANT: Yan, Shi lin ARPILICANT: Schmidt, Ann ic ARPILICANT: Schmidt, Ira ARPILICANT: Linster, Ira Fille of Invention: Medical Esecreative Invianmation Fille kenedeeve: of 25,764 or o 11 MSRI 7/8 60 SH

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2 Sequence 12, Application US/098/2185

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Best Local Similarity
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NUMBER OF SEQ ID NOS: 16
SHTWARE: Patentin version 3.1
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APPLICANT: Lamster, Ira
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NUMBER OF SEQ TO NOS: 16
SOFTWARE: Patentin version 3.4
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111LE OF INVENTION, METHODS FOR TARALING INFLAMMATION
FILE REFERENCE: 0575/164080
CHERGAT ALFELYATI N NEMBERS, 0575/872,185
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APPLICANT: Landster, Ita
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78.9%; Fred. No. 2e 43;
Attive 9; Mismatches 10; Indels
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: Sequence 142106, Application US/09791537
: GENERAL INFORMATION:
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US-09-872 185B 11
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                                                    SEQ 1D NO 132106
                                                                                         FILE REFERENCE: 261/210
COURENT APPLICATION NUMBER: US/09/791,537
CURRENT FILING DAIE: 2001-02-22
NUMBER OF SEQ ID NUS: 153055
SOFTWAKE: Patentin version 3.0
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APPLICANT: Herold, Kevan
APPLICANT: Yan, Shi Du
APPLICANT: Schmidt, Ann Marie
APPLICANT: Schmidt, Ann Marie
APPLICANT: Lamster, Ira
APPLICANT: Lamster, Ira
TITLE OF INVENTION: MITHOGO FOR TREATING INFLASMATION
FILE REFERENCE: 0757/64090
CURRENT APPLICATION NUMBER: US/09/872,1858
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APPLICANT: Debe, Derek
APPLICANT: Debe, Derek
APPLICANT: Danzer, Joseph
IITGE OF INVENTION: THERE HAMRETONAL STECTURED OF FESTEIN SCHILLES AND INVESTE MINES OF INVENTION: METHODS OF USE THEREOF
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CURRENT FILING DATE: 2001-06-01
NUMBER OF SEQ 1D NOS: 16
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PREE PRI

PORGANISM: Bomo sapiens

IS-09-791-547-1432106

CORCY Match

CORCY Match

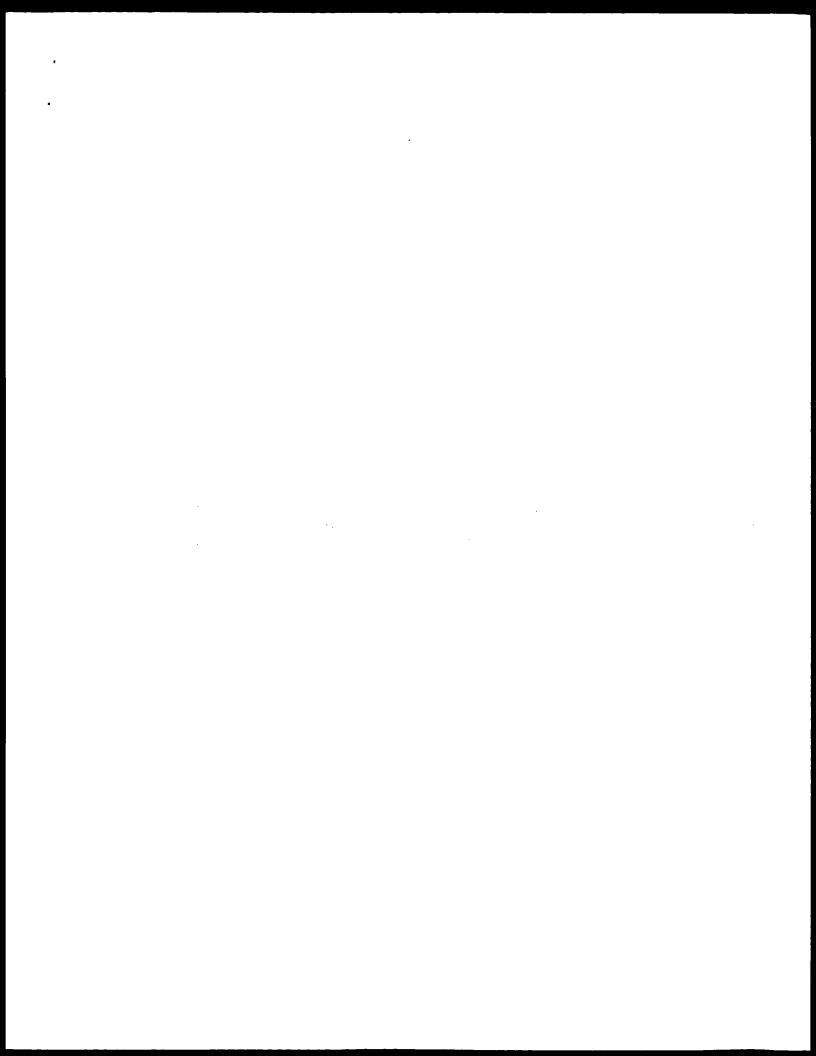
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Host Local Similarity 68.1%: Pred. No. 2.1c-29:

Matches 62: Conservative 10: Mismatches 19: Indels 0: Gaps

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Database :
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Segumen 7886, A	7 08-60-453-050-7996	94	ud NJ In	159	-
Sequence 7886, Ap	7 05-60-453-135-7886	4.6	32.5	153	3
Soquetor 12625, A	7 US-60-452-680-12629	.94	32.5	153	æ
	6 US-10-316-253-46	88	32.5	153	37
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Sequence 23843, 2	7 US 60-452-680-23833	42	32.7	154	4
	6 08-10-380-741-763	5.6	32.7	154	2
Soquence stor. An	6 08-10-245-882-360	ก็	30.7	11 15 14	īü
Sequence 360, App	1 PCT US02 29560 360	32	32.7	154	
Sequence 5490, Ap	5 03 09 513 9990 5490	, J	36.7	11.14	Ö
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GENERAL INFORMATION:
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APPLICANT NADLER, STEVEN G.
APPLICANT CARRAN, JULIE
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TITLE T INVESTITAL BEST PATHWAY
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TOPPENT FILLING PATE: 2003-01-14
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                                                            FILE REFERENCE: CLOO1450
CHEERT APPLICATION HUMBER, NU760/452,680
CURRENT FILTHC DATE: 1004-03-07
RUBBER OF SEQ ID RES. 116213
SUFIWARE: Past SEQ FOR Windows Version 4.0
SEQ ID No. 12625
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TYPE: PRT
ORGANISM: Homo sapiens
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Ma. 1,26 m; Matches (62) Conservative In: Mismatches (b) Indels
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SOFTWARE FREISED for Windows Version 4.0
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CHRRENE FILING DATE: 2003/03/10
NUMBER OF SEC ID NOS: 02752
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                                                                      APPLICANT: TAKOJHOVA, OLGA
TITLE OF INVENTION: GENETAL FOLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DELFT ON AND USES THEREOFF
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[5] TOTAL TOTAL AVENUANT INVOTATION OF THE CONTRACT OF THE CON
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68,196; Bred. No. 1,28-60;
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CONTROL TITTL ALL
CONTRACT INFORMATION:
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                                                                                                                                                                                                                   Outry Match 43.6%; Score 205.5; DB 5; Length NC; Bost Local Similarity 45.1%; Prod. No. 5.96 17; Matches 41; Conservative 23; Mismatches 26; Indols 1;
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APPLICANT: EASTELL, LUCA
APPLICANT: LEWIN, DAVID A.
APPLICANT: MILION, B.
APPLICANT: PENNICA, B.
APPLICANT: PENNICA, B.
APPLICANT: PENNICA, B.
APPLICANT: PENNICA, B.
CHILE OF INVERTION: WAT BESULATES SYBORINE LIKE BOLYPETIES AND RUCLETC
THILE OF INVERTION: WAT BESULATES SYBORINE LIKE BOLYPETIES AND RUCLETC
THILE REPERENCE: 10716/11
CURRENT PHILING DATE: 2000 H.17
CURRENT PHILING DATE: 2000 H.17
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TITLE OF INVENTIAL GENETIC FOLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTICEL GRIDMAGGID AGHRITIG, METHODS OF GEIDET N AND USES THEREOF
FILE REFERENCE: CLOUI456
CHERENT AFFILICALICH HUNNER: US/G/455,444
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NUMBER OF SEQ ID NOS: 50586
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANI: BEGOVICH, Ann
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
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local Similarity 68.1%; Bred. No. 1.20-90;
hes 62; Conservative 10; Mismatches 15; Indels
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TO THE TRANSPORT OF THE PROPERTY OF THE PROPER
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PCT-US02-38461-32; Sequence 32 Applica: GENERAL INFORMATION:
; Sequence '30, Aprilmation US,69410068
; GENERAL INFORMATION:
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CURRENT FILING GATE: 2002-12:03
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THILE OF INVENTION: PELYNUCLECTIBES AND POLYECTIBES ASSOCIATED WITH THE SEVENDENERS
TITLE OF INVENTION: RHEUMATOID ARTHRITIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 03 December 2001
NUMBER OF SEQ ID NOS: 91
SOFTWARE: Patentin version 3.1
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THE OF INVENTION: PHEMATOLD ARTHRITIS
FILE OF INVENTION: RHEMATOLD ARTHRITIS
FILE REFERENCE: D0190 NP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: D0190 NP
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                                                                                                                                                                                                                                                                                  66 LUTNALIZU SPEFFIMIMAPITWASHEMMHE 96
                                                                                                                                                                                                                                                                                                                                                                     60 LDANGHEJVSFKEFVVLVTDVLITAHDNIHK 90
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45.1%; Pred. Mo. 6.2; L?;
Adive 23; Mismatches 26; Indels 1
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US:-60 452-680-12619
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                                                                                                                                                                                                                   . Lepende 1.620, April ation 72/90192680 : GENERAL INFORMATION:
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APPLICANT: CARCILL, Michele
APPLICANT: CARCILL, Michele
APPLICANT: CRUPE, CEMETIC FOLKMOPPHISMS ASSOCIATED WITH
TITLE OF INVENTION. ALZHEIMEN'S DISEASE, METHODS OF DEHECTION AND USES THEREOF
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CDSS-DT AFFLEXIS-R WINNES, UCX40/452,680
CDKRENT FILES DATE: 2004-03-07
NUMBER OF SEQ ID NOS: 116213
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APPLICANT: CRUPE, Andrew
TITLE OF INVENTION. ALZHEIMER'S DISMASE, METHODS OF DETECTION AND USES THEREOF
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CURRENT FILING DATE: 2003-03-07 HUMBER HE SEC ID H S. 116218 SOFTWARE: FastSEQ for Windows Version 4.0

FILE REFERENCE: CL001450
CURRENT APPLICATION NUMBER: US/68/452,680

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Stephenor 78 (Apriledid By/6045 Alfs)

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APPLICANT: CARGILL, Michele
APPLICANT: LUKE, May
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CURRENT FILING DATE: 2003/03/10
NUMBER OF SED ID NOS: 8/25/2
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("DERENI APPLICATION NUMBER, US/60/453,050)
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the terminative distribution.

SUMMARIES

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- oalvasoulin	2 SU1759	101	32.7	154	16
alested solds	1 BUBOIN	44		154	15
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S-lub protein	2 A48015	92		155	13
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a tay protein	2 A26557	90	33.1	156	11
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nd butputa willer	1 KLFG1	74	28.1	132.5	Ñ
S-12" protein, lun	2 A30129	97	28.2	133	_
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ALIGNMENTS

ASS406 RESULT 1

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Query Match 96.6%; Score 455; DB 2: Longth 91: Best Loral Similarity 97.8%; Pred. No. 3.2e+47; Butches 89; Conservative 0; Mismatches 2: Indels 0; Gaps	플포일
C:Supertamily: S-100 protein: calmodulin repeat bemolesy C:KCywords: calcium binding: EF hand E:18 8C/homain: calmodulin repeat bemolegy .EF2>	7 G G
A:Status: preliminary A:Medicale type: protein A:Medidues: 1-91 spet.	2) X X X X X X X X X X X X X X X X X X X
A;Reterence number: A5540b; MUID:9900000; PMID:7951800 A:Accession: A55406	A; №
J. Riot. Chem. 269, 28929-28946, 1994 Arither Primary Structure and binding proporties of calarametric c, a novel \$100-like	> -
E;Accession: A55405 R;Dell'Angelica, E.C.; Schleicher, C.H.; Santome, J.A.	7. D. 2.
Caratheria — Pig O'Species Sus scribla domestica (domestic pla) O'Date: 10 Fet 1995 #sequence_recision 1996 to 1995 #text_shapde re-May-1997	1001

RESULT 2

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utrophi) protein
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(JSpecies: Homo Sapieus (Mau))
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A:Peradues: 'XX',4-14,'X',16-17,'XXXX'
A:Experimental source: isotorm-ba
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As Reference numbers Stolls: MBH 129535 Dets: PHH 12555002
As Accession: $56,113
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Aprioss references; CDB:5218374
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C:Supertamily: S 100 protein; calmodulin repeat homology
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eaigranulin B [validated] - human

C:Species: Homo sapions (man) N; Aiternate names: CART-14). MIE related 14K protein: 8–100 calcium binding protein As (8100A9)

7)Hate: 21 May 1990 #serjembé_revision 21 May 1997 #text_chapac CiAreession: R41848: 800667: A34819: B60911: B61082: D54327

Month Colling Biologies, 2402-2410, 1988

A:Beference number: A93102; MOID:88302148; PMID:3405210 Artitle: Cloning and expression of two human gones encoding calcium binding proteins

A; Molecule type: DNA A; Residues: 1 114 < LAG · A:Accession: B:1848

Aprioss references: GB:M21064: NID:G188689; PHDN:AAA36326.1; PHH:G386958 Robdink, K.J Cerletti, N.J Bruedden, J., Clerc, R.G., Larcsby, L.: Zwadlo, G.: Gerhar Nature 339, 80-82, 1987

A:Fittle: Two calcium-binding proteins in intiltrate macrophages of rheumatoid arthrit A:Reterence number: \$00667; MHD:BB039099; FMHD:331-0657 A:Acrossion: \$00667

A: Modeonte type: mRNA A: Residues: 1 114 - obt

Tress references: EMMC.X86.133 | RHo.43170 | PHN.2AA.29579.1. | Ph.444771

A:Note: parts of this sequence were confirmed by protein sequencing P:Murao. S.: Collart. F.K.: Huberman, E.

A: Fitte: A protein containing the cystic fibrosis antiden is an inhibitor of protein A: Reference number: A: 8819; MUID: 89255276; PMID: 2656677 J. Biol. Chem. 264, 8356 8360, 1989

A: Molecule type: mkNA A:Acression: Assets

A: Residues: 1 114 - MUR.

Astrons references: GREMZ6311; NID:A862619; PIDN:AAAA8480.1; PID:e516021 A:Note: part of this sequence was continued by protein sequencers: the amino end of t R:AadersSon, K.B.; Sietten, K.; Morntzen, H.B.; Dale, L.; Brandtzee, F.; Jellom, E.; Seand, J.; Inmunch, 28; 241–245; 1988 A:Fitle: The leucocyte L1 protein: identity with the cystic tileosis antiden and the A:Reference number: A6041; MUID:R8421875; PMID:4414449

A: Accession: B60911

AsModeratio types protein Asmodelines (v. 4a), M. French (73. M.) 29;94. M. M. Bergol (M.) 92-91. M. Seeba (M.) Rollode, T. Mitakania, K. J. Temita, M.; Nozawa, R. Chem, Pharm, Boll. (7), 1576-1580, 1989

A:Accession: B61082 A:Title: Amino acid separaces of 6088 antiques induced in Ht 6: A:Reference number: A61082; MHID:893766-03; PMID:2776242 cells by 1.25 dihydro

A: Molecule type: protein A: Moseidnes: 5 77;80:90; (A', 92 114 - ToB.

A:Note: the blocked unino end of the mature profein is identified as 2-Thr: residue P:Madren, P.: Nasmussen, H.H.: Leffers, H.: Honere, E.: Ec) (bard, E.: elsen, E.: Ki

Transf. Definated, 97, 707 212, 1991

Actific Molecular cloubs, securiouse, and expression of a need partially secreted Arbeterics in maker A54 G27 MORECULA (set) IMID:1940442 A:Acression: 1944-G2

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A:Molecule type: protein

A:Residues: II: 19:26-38:94-105, 'X',107 <MAD>

A:Residues: II: 19:26-38:94-105, 'X',107 <MAD>

A:Rote: in several poptide samples no PTH was detected for 95-80s but in one poptide PTI

A:Occument: This protein appoint to be expressed only in only on the II: 3(3), anti-13; c) Comment: The prosence of X'-mathylbisfidine at position 105, on respectiding to 197-81; c) Greenetics:
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C:Date: 03-May-1994 #Sequence_revision 23-May-1997 #text_change 22-Jun-1999
C:Accession._UN0686
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RESULT 6

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A. Moderaic type: protein
A: Regidnes: 2-10; 95-109 cRAF:
A. Rote, 187 His is identified
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M.Alembate mames: catchim binding protein MRP-14: marrophage ministion imbibitory fa
Cispectes: Mus musculus (bouse monse)
Cipate. 06 Sep. 1996. #Sequence_recision 22:May 1997. #text_change 22-Jun-1999
Ciscussion: %48242: %6827.
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A:Accession: PS0340
A:Molecule type: protein
A.sesidues. 1 31,717,33 84,787,86 91 <180>
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R:Becker, P.; Gerke, V.; Kube, E.; Weber, K.
Bur, J. Blockem. 207. 541:547, 1992
A;Title: S100P, a novel Ca(20)-binding protein from bosom placenta. cDNA cloning, rec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Biochem. J. 416, 285-284, 1895.
A)Fitte: Isolation of the murice Step protein MBP14 (14 kbg migration-innibitory-tact
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A;Residues: 1-113 <LAYS
A;Cross references: EMBLEM83219; NID:q199807; PHEN:AABC7228.1; Filiq199808
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A.A. Jessich, 868242
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A:Description: Mouse MEPE and MEP14, two intracellular calcium-binding proteins assoc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               F,6:40/100main. calmodulin repeat homology <BF1 F/49-81/Demain: calmodulin repeat homology ^\circEF1
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A:Map position: 4p16-4p16
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C; Supertamily: S-loo protein;
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J. Immedel, Per, 2001–2001, 1993
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A:Title: Cloning of the sequences expressed abundantly in established cell lines: ide
A:Retoronce number: A41411; MRID:88108108109; pMID:462911
A:Recovssion: A41411
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A:Molecule type: mRNA
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Filoekson Grusby, L.L.: Swierqiel, J.: Linzer, b.I.B.
Nucleje Arids Res. 15, 6677-6690, 1987
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ETEGEMEST, 21 22 7, 1990
Actions Structure of demo mist, transcribed in metastatic mease functionalist.
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A:Residues: 1 47,7VSGSXENG(156 97,7KTDEAA) <1012 +
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C:Keywords: calcium binding: cytokine; EF hand; heterodimer; homodimer; inflammation
F:Z B9/Product: calcium binding cytokine; experimental <MAI>
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83.9%; Pred. No. 1
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A:Gross-references: GB:S53522

R:Kowino P. Usai H.; Macchi, T.; Pakui, T.; Varadari, R.; GL: Richele Acids Res. 12, 7455-7465, 1984

A:Title Melconita: clouding and the carplace code. Cloud paches A:Poforonce number: S07367; MOID:85037924; FMID:6092231

A:Accession: S07367
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C.Species: Partus norvealous (Norway rat)
C.Data: 25-War-1999 #Sequence_revision 04-Nov 1994 #text_charge 13 A.g 1995
C.Accession: A6004b; S07357; A26557
R.Maeda, T.: Usui, H.: Araki, K.: Kuwano, R.: Takahishi, Y.: Suruki, Y.
Brain Res. Mol. Brain Res. 10, 193-202, 1991
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A:Accession: 148674
A:Status: preliminary: translated from GR/FMRL/FDR:
A:Molecule type: DNA
                                                                                                                                                                                                                                                                                                                                                                                                        A:Cross-retorences: EMBL:X01090; NID:y57174; PIDN:CAA25507.1; PUD:157175
R;Dunu, K.; Landry, G.; O'Hanlon, D.; Dunn, J.; Allere, F.; Brown, H.; Marke, A.
J. Biol. Chem. 262, 3562–3566, 1936.
A:Title: Reduction in 5100 protein Refarsulunit mRNA in G6 rat orional cells following to
A:Reference number: A26557; MOID:87137648; PMID:8818655
A:Accession: A26557
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                                                                                      C:Superfamily: $-100 protein: calmodulin repeat homology C:Regwords: brain; oilding binding dimer: St hind: dimer: 51 brain; predicted E:2 92/Product: 5 100 protein beta stain #udaius predicted
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A:Molecule type: DNA
A:Residues: 1-92 <MAE>
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A:Reference number: A60046; MUID:91359841; PMID:1653388
A:Accession: A60046
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A:Residues: 1-47,7VS5SXENGQ7,48-54 PRESS
A:Cross-references: EMBLIX16094; NID:q53249; PIDN:(AA34224.1; PIC:q53250
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A:Residues: 1-101 <G/f/>
A:Cross-references: GB:D00208; NID-1226564; ETDN-PAAGGU9, L. FIL 12290704

R:Tulchinsky, B.; Krammerov, D.; Ford, H.L.; Reshetnyak, E.; Lukualdin, E.; Zain, S.
Ourosqope N. 79 PG, 1994
                                                                F;6-40/Domain: calmodulin repeat homology <EFl>
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                                                                                                                                                                                                                                      C;Genetics:
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/ 36.9%; Pred. No. _
~**Ye 22; Mismatches
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2.3e (31,
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A.Experimental Source, adipose tissue livinisti. E. Joans, R.B., Italia, S., Bidaka, H. Biochem, J. 306, 551–555, 1955.
A.E.C.C. 2008 beta in a large protein of neuroal in decirio. English of the carrier manker; 251243; MEDEN9519423; PMD:7887910
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A:Title: Structural characterization of the calcium binding protein $100 from adipose
                                                                                                                                                                                                                           F:48-80;20smain: calmodulin répeat homolody (EF2)
F:1;Mullifed site, blocked amin, old (Arr) (pubabl, doit;lu's) satutis experimental
F:18,21,23,26,31;Binding site: calcium (Ser, Glu, Asp. Typ. Glu) satutus predicted
F:61,63,65,67,72;Binding site, calcium (Asp. Asp. Asp. Glu, Gl) satutus predicted
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A:Molecule type: protein
A.Residues: 56-61,'N',63-79,'V'
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ArAccession: A91254
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Tile Tilenty 1974 **epocac_projeto 14 Nor 1984 **ext_ching 1984 **ext_ching 1984 **ext_ching 1985 **ext_
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A:Residues: 1-91 <MAR>
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A; Residues: 1-91 <IS2>
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Eur. J. Biochem. 89, 379-388, 1978
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Matches 33; Conservative
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Fig. 9.75 folds to 2.75 p. described class #status experiments (necessary) and fold the fold of the first term of the first term of the first form of the first fold sites blocked amino end (Ser.) (in mature form) (predably acceptated) #st Filb.22.34,27.32/Binding sites calcium (Ser. Glu. Asp. Lys. Glu.) #status predicted Filb.22.34,27.34/Binding sites calcium (Asp. Asp. Glu. Glu.) #status predicted Filb.22.64.66,68/33/Binding sites calcium (Asp. Asp. Glu. Glu.) #status predicted
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C.Commont: This protein binds p58, tubuling and many other proteins at physiological component: S-low is an intracellular protein that binds calcium, it binds zinc more to different affinities exist for both lons on each manomer, physiological concentration
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                                                 onery Match 32.7%; Score 154; DK 1; Longth 92; best Local Similarity 47.4%; Pred. No. 4e 08;
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16; Mismatches
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62 DNDGDGEGDEGEFMAFVAMVITAGHEFFEHE 92 61 BANQOEQVSEKD VVLV10VL11AHDN1HKE 91 HITERAMVALES VERÇA STELETERE JITELLINN ESTESTETISKULS VERVMETU 61 1 TRUE SIGNATION FROM SERVING STREET SERVING FROM SERVING STREET FOR -

A:Title: Molecular cloning of staNA of Sledalpha subanit mKNA A:Reference number: A24156; MULD:86248083; PMID:3755105 A:Accession: A24156 C:Species: Bos pilmidenius taurus (cattle) Tilito id R. Tekowse poin (processe po policiaes) C:Acession: A24156; A24110; S54346; A03078 F:Keware, K.; Maeda, I.; Usui, H.; Araki, K.; Yamakuni, I.; edishima, Y.; Kui FEBS Lett. 202, 97 [01] 1986 K; Isobe, A: Mesidoes: 1 94 - KUW A: Modernate type: mkNA less protein alpha eluin be, I.; okuyama, I. J. Biochem. 116, 79-86, 1981 R.: Marda, I.: Usul, H.: Araki, E.: Vamakuni, I.: obshima, Y.; Kuribara, T. 202, 97 101, 1986 9411.2.4

Affille: The amino acid sequence of the alpha subunit in boxine frain S-100 a protein Asketerence number: A91110; BSHERB1246562; PMLD:7250124

ApArcession: AVIII0 A:Molecule type: protein A:Molecule: 2-64-716,60-94-1800 E:Bandio: 11: Genard: E.

Gerard, b

Biochemistry 22, 3360 3369, 1983

A: Little: look binding to S100 proteins: structural changes indeed by calcium and zin A: Reference number: A50471; MULD: 84000 839; PMID: 6615778

A; Contents: annotation; metal ion binding properties

Riokaraki, Kirokata, M.H., Thomas St. Midaka, Biochem. J. 306, 551 555, 1995

A: Accession: S54346 A:Reference number: \$54343; MUID:95194333; PMID:7887910 A:Title: S100 beta is a target protein of neurocalcin delta, an abandant isotorm in q

A:Molecule type: protein A:Residues: 24 33 cKA:

Cycomment: The S-low protein is composed of two related polypeptide chains, alpha and brain proteins. Slow is also found in a variety of other tissues.

Cycomment: Slow is an intracellular protein that weakly birds exictom. It binds fine

es, with different affinities, exist for both ions on each moment. Physiological

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C:Superfamily: S-100 protein; calmodulin repeat homology
C:Keywords: blocked amino end; brain; calcium binding: EF hand; sinc
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E:70-44/Product: S-100 protein alpha chain #Etatus producted MAI:
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categorulin c (cAAS) (P5) (CGRP) (Neutrophil S100 protein) (Calcium
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this SWISS PROLEURTY is copyright. It is produced through a coliaboration between the SWISS Institute of Bioinformatics and the EMEC cutstation -
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Obligated E., Mark J., Markert M.:
"Identification and characterization of a nevel buman resurreposition related to the SIDO family.";
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Vancamena I., BH and J., Waltarakhi E., Cuchaki M., Cikabashi E.,
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SIMILARITY: HELOWS to THE S-100 FAMILY.
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-:- SIMILARITY: BELOWES TO THE S-luc-
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                                                                                                           Yang 2. Devect M.J., Cardiner E.E., Devenich k.J., Hundley 1. Underwood J.R., Robinson H.C.; "Rabbit polymorphomiclear neutrophils form 450 labeled 8-0.160 calaramilin C when inconstited with inconstite 1450lau 644."
                                                                                                                                                                                                                                                                                        15-JUL-1999 (Rel. 38, Created)
15-JUL-1999 (Rel. 38, Last sequence update)
16-007-2001 (Rel. 40, Last annotation opdate)
Calgranulin C (CAGC) (Fragment).
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               This SWISS:PFOI entry is copyright. It is produced through a collaboration between the Swiss Institute of Bioinformatics and the EESC outstation -
                                                                                                                                                               STRAIN=New Zealand white, TISSUE MEDLINE 95355278; PubMed-8702688;
                                                                                                                                                                                                                                      Mammalia; Eutheria; Lagomorpha; Leporidae; oryctolagus
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutelecstomi;
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    the European Bioinformatics Institute.
                                                                                                                                                                                            SEQUENCE FROM N.A., AND PARTIAL SEQUENCE
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Local Similarity 68.1%;
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SIMILARITY: GONTAINS 2 EF HAND CALCADY FUNCTION OF STATES.
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RESULT 5
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                                                  ITSSUE Neutrophils:
MINGINE 9284574; PubMed 16108 G;
Dianoux A.-C., Stusia M. J., Garin J., Garmon J., Viquois P.V.;
""" 24 Filedrite pricing a webstrate of private Fronce C, in
bovine neutrophil cytosof is a member of the S100 family.";
Block-oakstr, 21 (2888-596 (2022)
Block-oakstr, 21 (2888-596 (2022)
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Tand T.K., Hong T.-M., Lin C.-Y., Lai M.-L., Liu C.H.L., Lo H.-J., Wang M.-E., Chen L.E., Chen W.-T., Ip W., Lin D.C., Lin J.C., Ch. Lin S., Sun T.-T., Wang J.L., W. R., Wu C.-W., Chier S.;
"Machear proteins of the begine coplaned epithelian. I. Educational antibody W2 specifically reacts with condensed nuclei of differentiated superficial cells.";
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16-PCT-2001 (Ref. 40, Last annotation update)
Calgranuiin B (Neutrophii cytopolic 2% kDa protein) (P2%) (BEE22)
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Pram; PP01023; S_100; 1.
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InterPro; [PR002048; EF-hand.
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01 (18) 1902 (Rel. 24, Created)
01 (18) 1902 (Rel. 24, Last sequence update)
16 (8) 2001 (Rel. 40, Last annotation update)
Protein MRP 126.
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InterPro: IPR002048; EF hand. Pham: PF00086; othand: 1.

InterPro: IPR001751; CaBP \$100

D174U4; BAAU4227.1; AF091849: AN'81771.1: ..

ZES.

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Proboug PD000812; BF hand; L. Proboug Pb003407; CaRP Sloo; L

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                                     of acute inflammation in rabbits.": lnt. Immunol. 6:149-156(1994).
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Enkaryeta: Metazea: Cherdata: Praniata: Vertebrata: Enteleostomi:
Mammalia: Entheria: Lagomorpha: Leperidae: Oryetolagus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             of oxi-less (Ref. 4, Created)
15 oxi-less (Ref. 8, Last sequence update)
16 oxi-2001 (Ref. 46, Last annotation update)
Calgranulin B (Magnation inhibitory factor related protein (4)
                                                                                              MEDICAME 94/198229: PubMed-81/48/23: Medic St. Guto K., Gris E., Metaka
                                                                                                                                        SIRAIN New Zealand white;
                                                                                                                                                                                                                    "Baldit polymorphonuclear neutrophils form 358 labeled 8-sulto-
caldramulin C when incubated with inorganic [498]sulfate.":
                                                                                                                                                                                                                                                              Underwood J.R., Robinson H.C.;
                                                                                                                                                                                                                                                                                                  STRAIN-New Zealand white; TISSUE-Neutrophils; MEDLINE 96355278; PubMed 8792688;
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                                                                                "Dynamic changes in mRNA expression of neutrophils during the course
                                                                                                                                                             SEQUENCE OF 45 BJ FROM N.A.
                                                                                                                                                                                                   J. Biol. Chem. 271:19802-19809(1996).
                                                                                                                                                                                                                                                                               Yang Z., de Veer M.J., Gardiner E.E., Devenish R.J., Handley J.J.,
                                                                                                                                                                                                                                                                                                                                          SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                              NUMITIANID ASSET
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SIMILARITY: SCHIAIRS 2 EF HAMB CALCIUM BINGING SOMAINS
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47.2%; Fred. No.
                                                                                                P., Motakami K., Obkawara S., Yoshibada M.:
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EF HARD 2 (HIGH AFFINITY) (F-TENTIAL)
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106702: 09WMC: 09UCJT:
101-JAN 1988 (Fel. 06, Last sequence update)
01-JAN-1988 (Fel. 06, Last sequence update)
15-JUN-2002 (Fel. 41, Last annotation update)
Caldranulin H (Migration inhibitory factor related protein []
Caldranulin (Migration inhibitory factor related protein [])
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                                                                                                                                                                            MEDLINE 89255276; PubMed-2656677;
Murao S., Collart F.R., Huberman E.;
"A protein containing the cystic fibrosis antigen is an indibitor
                                                                                                                                                                                                                                                                                                                                                                   Gerhards G., Schlegel R., Serg G.;
"Two calcium-binding proteins in intilitrate maccophages of choumstold
arthritis.";
Edgeworth J., Freemont P.,
"Ionomymis-regulated wheen
                          MEDIINE 90044075; PubMed 2478889;
                                                                    Submitted (FER-2000) to the EMBL/GenBank/DDBJ
                                                                                          Wang M., Xu X., Cai Y., Xu H., Han Y., Xu &., wu M.: "Human dene for migration inhibitory factor-related protols.
                                                                                                                          SEQUENCE FROM N.A., AND VARIANT ARC 20.
                                                                                                                                                                                                                            SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                     proteins that are regulated during myeloid differentiation.";
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Lagasse E., Clerc R.G.;
"Cloning and expression of two human genes encoding calcium binding
                                                                                                                                                                                                                                                                                                                                                                                                                             MEDLINE-88039099; PubMed:3314057;
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Mammalia; Eutheria; Primates; Catarrhini; Heminidae; Homo.
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S100A9 OR MRP14 OR CAGB.
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                                        SEQUENCE OF 84-114, AND PHOSPHORYLATION
                                                                                                                                                                     protein kinases.
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ofic-regulated phosphorylation of the
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                                                                                                                                                      Chem. 264:8356-8360(1989).
                                                                                                                                                                                                                                                                                                                                                                                           G., Schlogel R., Sory C.:
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J. Dent. Res. 72:517-523(1993).

P. P.INITAN, EARLESSEE SY MACE PHAILS IN ATTILITY INFOAMATIC TISSUES AND IN CHORNIC INILAMATICNS. SEEM TO BE AN INHIBITOR OF PROTEIN KINASIS. ALSO LAFRESSEE IN EFITHELIAL CELLS CONSTITUTIVECY OR INDUCED DOKING DENNATOSES. MAY INTERACT MITH FOMPONENIS OF THE INTERNITIONATE FILAMENTS IN AVAILABLE SAID REPITHELIAL CELLS.
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                                                                                                       SEQUENCE
                                                                                                                                                                                                                                                                         PRETARE
                                                                                                                                                                                                                                                                                                                                      Calcium-binding: Macrophage: Phosphorylation: Polymorphism.
CA_BIND 23 36 EF-HAND 1 (DW AFFINITY) (POIENTIAL).
CA_BIND 67 78 EF HAND 2 (HIGH AFFIRITY) (FCENTIAL).
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InterPro; IPR002048; EF hand.
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Aarhus/Chent-2DPAGE:
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"In vitro antimierobial arctivity of the human neutrophil cytosolic S-
120 protein complex, calprotection against Capuscytophaia sputigena."
J. Dent. Res. 72:517-523(1993).
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Electrophoresis 13:960-969(1992).
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Vandekerckhove J.;
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Nature 342:189-192(1989)
                                                                                                                                                                                                                                                                                                                                                                                                                                                     PROSITE;
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PMMA-2DPAGE; P06702;
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PIR; A33819; A33819.
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EMBL; M26311; AAA68480.1;
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                                                                                                       114 AA:
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43.6%;
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                                                                                                                      REQUENCE
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"Expression and choing of migration inhibitory factor-related
profein (MMC)B and MMC14 in arthritis susceptible rats.";
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                                                                                 Plan: PE00036; ofband: 1.
Plan: PE01023; S.100; 1.
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SIMONIE Interacts with Slov.

ENGREZIANDOS. THIS PROTEIN BINGS INCOMINED PAS.

SIMILARIY: BELOWIS TO THE S-100 FAMILY.
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"S100P, a novel Cu(2*) binding protein from human placenta. cDNA
cloning, recombinant protein expression and Ca2* binding
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0] DEC 1992 (Rel. 24, last sequence update)
15-JUN-2002 (Rel. 41, last annotation update
PROSTIE: PSOOOTB: EF HAND: FALSE_NEG.
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MEDILINE-96245204: FibMed 8445219:
Railery M.J., Harrison C.A., Geozy C.L.;

"Isolation of the murine $100 protein MRP14 (14 kbu migration-inhibitory-factor related protein) from activated upleased. It is characterization of post-translational meditional and the cells: characterization of post-translational meditions.
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Calgranulin # (Migratica ic.Lli' or tax! collect particle
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S100A9 OR CAGB OR MPP14.
         modified and this statement is not removed. Usage by an entitles requires a linear approximate (Annier Laws into or send an email to licensewisb-sib.ch).
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11- MASS SPECTROMETRY: MW=17972; MW_PEP-2; METR-D-El-STEDER

-1- MISCELLANBOUS: HAS BEEN SHOWN TO BIND CALCIUM.

-1- SIMILARITY: BELLAGS TO THE 3-100 FABILY.

-1- SIMILARITY: CONTAINS 2 EF-HAND CALCIUM-FINDING DOMAINS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ladasse E., Weissman i.L.; "Mouse MRP8 and MRP14, two intracellular calcium-bluding proteins associated with the development of the myeloid lineare.",
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                                                                                                                    the European Bioirt (matics is tister). The second call use by non-profit institutions as long as its content
                                                                                                                                                                                    This SWISS-PROT entry is copyright. It is produced through
between the SWISS Institute of Bioinformati's and the E
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Brain Bes. Mal. Wasin bes. 41:81:89(1996).

I TURCTION. PLAYS AN IMPOSTANT REALD IN CAPTUSH CALCIUM HOME STASIS.

I TURCTION. PLAYS AN IMPOSTANT IN EPITHELIAL CELLS OF OUTACTORY ROSEITE. BARREL, SKIN AND GILL BUT IN BRAIN OR MUSCLE.

I SIMILARITY: HULDRUS TO THE D TOO TAMILY:

I SIMILARITY: CONCAINE 2 HE HAVE CALCIUM FINDERS TO THATES.
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01-NoV-1997 (Rel. 35, Last sequence update)
16-027-2901 (Rel. 40, Last annotation update)
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Profom: PD003407; CabP_S100; FALSE_NEG.
PROSITE: PS00018: EF_HAND; FALSE_NEG.
                                                                                                                                                                                             This SWESS Exel entry is copyright, it is produced through a collaboration between the Swiss Institute of Bioinformatics and the EMS, obtstation the European Bioinformatics Institute. There are no restrictions on it use by non-profit institutions as long as its content is in no walked that and this statement is second.
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InterPro: IPRO02048; EF-hand.
InterPro;
                             HSSP; P30801;
                                                                                                               or send an email to licenserisb-sib.ch).
                                                                                                                                                                                modified and this statement is not removed.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Marqolis F.L.;
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"Molecular characterization and tissue distribution of a no elimember
of the $100 family of EF hand proteins.":
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                             POLITICATION MANAGEMENTAL COMPOSED RAIL MATTER ELLS GROUP CLUS
"BUT IT ICATION AND STRUCTURAL ANALYSIS OF A MOUTING CHOMOSTACTIC
CYTAKING (CP 10) WITH SEQUENCE DOMOSTORY TO STOO PROTEINS."

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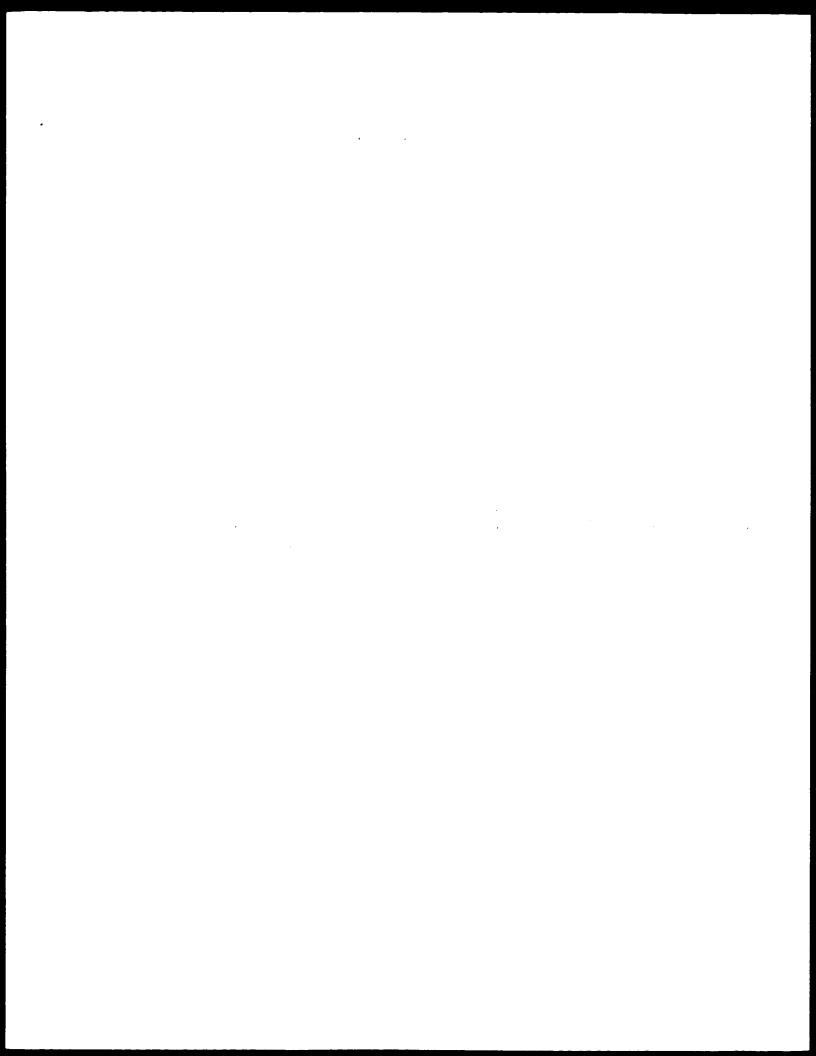
PUNCTION INAS KANIMAL SHEWSTACTES ACTIVITY FOR NEITHOPHILS. MAY
PLAY AN IMPORTANT ROLE IN CHILDIAR IMMONE REACTIONS.

PROBONIL HAWAINER ANE/OR HELEROLIMES.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Lackmann M., Pajasokariah P., Ilsmet S.E., Jones G., Cornish C.J., Bu S., Simpson R.J., Morite K.L., Jerry C.L.; "Ideation of a chemotactic domain of the pro-inflammatory $100 protein CP 10.":
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ol ADG 1992 (Rel. 23, Created)
ol ADG 1992 (Rel. 32, Last sequence update)
16 NOV 1995 (Rel. 32, Last sequence update)
16 NOI 2001 (Rel. 40, Last annotation update)
Calgranulin A (Migration inhibitory factor related protein 8) (MRP-8)
CBO (Leuken to the complex light chain) (Chemotactic eytokine CP-10)
(FMC-101 Lamatory S100 cytokine).
S100A8 OR CAGA OR MRPB.
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                                                                                                                                                                                                                                                                                                                                                                MESALINE 92218405, Ind.Med 1559982;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRAIN 129/893; TISSUE LIVEL;
MERCINE 96190772; PubMed 8611640;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    "Mouse MRP8 and MRP14, two intracellular calcium binding preteins associated with the development of the myeloid lineage.":
                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE OF 1 76.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MISALINE #320 6618; InduMed 8454868;
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Eukaryota: Metazoa; chordata; Cianiata: Vertebrata: Euteleostomi;
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                                                                                                                                                                                                                                                                                                                                                                                                           TISSUE Splead
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AFFINITY SIMILAR TO THAT OF THE S TOO PROTEINS (BY
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17; Mismatches 37
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                                                                                                                                                                                                                                                                                                                         MEDIINE-93343442: PubMed-8343166;
Imamichi I., Uchida I., Wahi S.M., McCarthey-Francis N.,
"Expression and clouing of migration inhibitory factor-re-
protein (MRP)8 and MRP14 in arthritis-susceptible rats.",
Biochem. Biophys. Res. Commun. 194:819-825(1993).
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Pram; PF01023; S.100; 1.
Probom; PF01023; S.200; 1.
PROSITE: PS00018; PF-HAND; 1.
PROSITE: PS00013; S100_CAMP; 1.
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Raitery M.J., Geczy C.L.:
"Identification of posttranslational modifications and cDNA sequencing
errors in the rat $100 proteins MRP8 and 14 using electrospray
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Eukaryota: Məlazba: Chordata: Craniala: Vertebrata: Eutelecstomi:
Mammalia: Eutleria: Kodentia: Sciuroqnathi: Muridae: Murin.ec: Rat
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16-oCT-2001 (Rel. 40, Last sequence update)
16-oCT-2001 (Rel. 40, Last annotation update)
Calgranulin A (Migration inhibitory factor-related protein *) (MRP-%)
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InterPro: IPR002048; EF-hand.
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                                                                                                                                                        MEDIINE-98249381; PubMed 9570842;
                                                                                                                                                                                                                                               SEQUENCE, AND ACETYLATION
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| Rocal Similarity | 33.3%; | Score 157
| Rocal Similarity | 33.0%; | Pred. No. hea | 30; | Conservative | 23; | Mishab
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Anal. BISCHem. 258.285 292(198);
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PLAY AN IMPORIANT MODEL IN CELLULAR IMMUNE REACTIONS.
-!- SUBBUNE: HOMODIMER AND/OR HELERODIMER.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Resalt No.	Score	Query Match	Query Match Length DB	108	ID	Description
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Actinopterydi: Neopterydi: Teleoster: Buteloostei:
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                                                                                                                                                                                                                                                   SECUENCE FROM N.A.
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ocal Similarity (45.1%; Prod. No. 4.1)
s (7) Conservative (7) Mismatches
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Proform Pf000407; caBP_Slou; 1.
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PROSECUL: PSOPROLA: STOP CARE: UNKNOWN I.
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"Expressed sequence tags (ESI) identity genes proferestially expressed
in cattish chemosensory tissues.";
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01 MAY-2000 (IrEMBLiel, 15, Last sequence update)
01 JUN-2002 (TrEMBLiel, 21, Last annotation update)
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InterPro: IPRO02048; EF:hand.
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41.5%; Pred. No. 6.5e-08;
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Best Local .
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01-DEC-2001 (TrEMBLrel. 19, Last sequence update)
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    Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Butele stomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                Mus musculus (Mouse)
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Mammalia: Putheria: Podratia, Sciurepothi M.Jito, Murit.
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InterPro: IPRO01949, PE hand
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                                                                            EMBL; AK012578; BAR28340.1; -.
LMBL; BC005590; AAH05590.1; -.
EMBL; BF368423; AAL14436.1; -.
EMBL; AK002721; EAR23408.1; -.
MGD; MGT:1338917; ST0041.
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-! SIMILARITY: BELO
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MEDLINE:20530913; PabMed-11076861;
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MEDLINE 20499374; PubMed 11042159;
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Moth. Enzymol. 303.19 44(1999)
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MEDLINE 21085660; PubMcd-11217851;
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InterPro; IPRO01751;
InterPro; IPRO02048;
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Bost Local Similarity 44.2
Morenes 44. Conservation
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Submitted (JBC 1999) to the EMBL/Saudenk/1985 diriginals.
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01 of Zuno (ITEMMITE), 15, Last separate update)
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8100 calcium binding protein Al (Fragment).
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Prodom: PP010012; EF band: 1.
Prodom: PD004407; CaHP S100;
OL NOV 1996 (TrEMBLES), 91, Created)
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Profose: Plantfold: Camp Slow;
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HESSE: PO4631: HE401.
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modion 19 Midmatches
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J. BEEL Chem. 167:24772-24781(1992)

1- PRINCIPOR AGARGARES KIRATIN INTERMIDIATE FILAMENIS AND FROMCIES FIRSTLYDIS GROUP FROM TO ADMINISTRATION FILAMENIS AND FROMCIES FIRSTLYDIS GROUP FROM TO ADMINISTRATION OF MAMMALIAN EPIDERMIS. INSOLUBLE, FIRM FILAMENIS FILAMENIS FIRM FILAMENIS FILAMENIS
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MEDLINE 93054/36; FubMed 1429717;
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"Homorin a Navel Profilegarin-11ke Profeis and Different Cilos-
specific Market Isolated from Mouse Skin.";
I Biol Cham 276:47445-4745(2001).
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EMBL; AL356504; CAC14172.1; -.
HSSP: P80511; 1EBA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E4 51
Mijaberi H., Hasejawa K., Kim K., Sato H.: "The probability of metastania associated misl gene in co-induced with metastania type: I matrix metalloptochase (MII MM) darba ancovenitions formation and tubular formation of medin darby can be kidney.
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S
                                                                                                                                                                                                                                 61 MAY 2000 (TrEMBLrel. 13, Created)
61 MAY-2006 (TrEMBLrel. 13, Last sequence update)
01-JUN-2002 (TrEMBLrel. 21, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo Sapiens (Human).
Eukanyota, Metamaa, Therdata, Cranidata, Vertebra'a, Estelescioni:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              01 MAR 2001 (TrEMBLiel, 16, Last sequence update)
01-JUN-2002 (TrEMBLiel, 21, Last annotation update)
0314K1.2 (Resel & 1997)CaBS type calcium binding domain protein,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Q98401
                                                                                                                                                                                  Canis familiaris (boq)
                                                                                                                                                                                                                       Metastasin.
                                                                                                                                                                                                                                                                                                                 35AL65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE 213 AA; 24310 MW; B805E0810098E7D2 0R054;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PROSTIE; PS00303; $100_CABB; RON_TER 213 213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Esharpeta, Metamma, Thordeta, Cransata, Vertebrata, baicos
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homos
                                                                  STRAIN MADIN DURBY; TIESUE MADIN DARBY CANINE KIDNEY;
                                                                                        SECUENCE FROM N.A.
                                                                                                                           NCB1_Tax10=9615;
                                                                                                                                               Mummalia: Butheria: Carnivera: Fissipedia: Canidae: Canis
                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutoleostomi;
                                                                                                                                                                                                                                                                                                98. TV 56;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PROSITE: PS00018; EF_HAND: UNKNOWN_1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pfam; PF00036; ethand; 1. Pfam; PF01023; S_100; 1.
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InterPro; IPRO91751; CaRC_S100
InterPro; IPR002048; EF-hand.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        EMBE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Submitted (OCT 2000) to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Laird G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SECUENCE FROM N.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DJ14N1.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            similar to trichohyalin) (Fraqment).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      61 MAR 2001 (TrEMBLIE).
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SIMILARITY: BEDONS TO THE S-100 FAMILY.
LL ALISSON: CACIBITELL:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative 21, Mismatches
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                                                                                                                                                                                                                                                                                                                   DEELIMINARY:
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35.4%, Fred. No. 1
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                                                                                                                                                                         PROSTITE: PSOUDIB: EF HAND: UNKNOWN 1. PROSTITE: PSOUROA: STOO CARP: 1.
                                                                                                                                                                                                                                                                                                                                            Edams EF03516; Erlaggrins 6.
Edams EF01023; S 100; 1.
                                                      Post ymout phaisma
                                                                                                            Physphorylation: Polyprotein: levelopmental protein: Calcine bindier
                                                                                                                                                                                                                                                                                                  PRINTS: PRODABLE FILABIRIN.
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FMOSTIE: PSD0403; S100_CARP; 1.
SEQUENCE 101 AA: 11847 MM; 55 G-G
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Probom: PD003407; CaBP_8100;
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Plan: PFO1023; S 100; 1
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34.5%: Fred. No.
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SILE I (BY SIMILARLIY)
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                                                                                                                                                                                                                                                                                                                          01-DBC-2001 (HEMBLIEL P), Created)
01-DBC-2001 (HEMBLIEL P), Last sequence update)
01-JUN-2002 (HEMBLIEL 21, Last annotation update)
                                                                                          Edwaryota: Metadoa: Chordata: Craniata: Vertebrata: purecesso
Mammalia: Patheria: Rodentia: Sciuroquath: Muridae: Muridae:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          C,4∆AK,
                                                            WCBI, faxID 10090;
                                                                                                                                                                                                                         Mas masculus (Mouse)
                                                                                                                                                                                                                                                                                                  Similar to calbundin-D9K.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        84 ARENTHE SE
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PRELIMINARY;

PKT;

80 AA

Chordata; Craniata; Vertebrata; Enteleostomi;

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Query Match 29.7%; Score 140; DB 4; Best Local Similarity 45.4%; Pred. No. 5.4e 05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NON HOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               peritoneal exhibits its identification as the calcium binding protein complex, calprotectin.":
1. Loukoc. Biol. 58:307:316(1995).
                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE 84 AA; SIDO CARE; PROSTIE; PSOUGOR; SIDO CARE;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Prame PE00036: ethand: 1.
Prame PE01023: S. 100: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Yoi S., Mikami M., Yamazaki M.;
"Puritication and characterization of the cytotoxic factor in tat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MIDELINE 95395365; PabMod 2665986;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Bukaryota: Metazoa: Chordata: Craniala: Vertebrata: Enteleostomi:
Mammalia: Entheria: Rodentia: Sciuroquathi: Muridae: Merimae: kaftus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CALPROTECTIN LARGER component MRP-14 (Fragment).
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01-MAY-2000 (TERHRIP), 13, Last sequence update)
01-JUN-2002 (TERHRIP), 2), Last annotation update
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Prodom: PD004407; CaBP $100; 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   InterPro: IPR002048; EF-hand.
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25 TOTAL PROGRAMMENT TO THE TOTAL PROGRAMMENT OF THE TOTAL PROGRAMMENT 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      71 FTEFLIMVFKLAUAYYESTRKE 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    70 EKEEVVLVIDVLLITAHUNIHKE 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TO TINIFHOVSVERGHYDELLEKELLEKYLEEKELENILEKIEGEEEREKEYNEGANGEOVS 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SIMILARITY: BELONGS TO THE S-100 FAMILY
                                                                                                                                                                                           t<sub>.</sub>.
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                                                                                                                                                                                                                                               Similar by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1218 AA; 133604 MW; EC195AD52H5B1972 CW764;
                                                                                                                                                                                    Concernation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRELIMINARY;
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                                                                                                                                                                                                                                                     $8.88°
                                                                                                                                                                                    17: Mismatches
                                                                                                                                                                                                                                                                                                         Score 132.5; DR II; Length 83;
                                                                                                                                                                                                                                                                                                                                                                                                                                    2E1204E5Db72C418 CNC64;
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RC TISSUE KINEY;
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RA STRANSBERGER,
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